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POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

RESIGN SITE NUMBER /to be se-

6 4707

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary

	I. SITE IDENTIF					
A. SITE NAME	l l	TREET (or other i				
Velsicol Chemical Corp.		est Port Ar				
C. CITY	D. S		1	COUNTY A		
Nederland TXD067261412		TX 7	7705	Jeffe	erson	
L OWNER/OPERATOR (If Imown)			_			
Velsicol Chemical Corp.,	Marvin Fann	in-Plant Mo	ır. ¦³	. TELEPHO:		
		•	ĺ	901/34	5-1788	
H. TYPE OF OWNERSHIP	4 MUNICIPAL	X 5. PRIVA	TE6. UN	KNOWN		
site description Site is an active	manufacturin	g facility	producing	g Banvel	(dicamb	a)
merbicide from 3,4-dichloro pheno						
aciltiy began operation in 1974.			F. 2 2 4 2 6			_ · - •
I. HOW IDENTIFIED (i.e., citizen's complaints, OSHA c	itations. etc.)			K. (DATE IDENTI	FIED
EPA Document 600/2-80-197" "Di				(mo., day, & yr	
Ery nocmment 600/2-80-13/	UX 1112				11/19/	80
L. PRINCIPAL STATE CONTACT			~			
1- NAME			į z	. TELEPHO	NE NUMBER	
Mike Moore, TDWR				400/89	33-2973	
	RY ASSESSMENT (annalata this	trian (nes)	100/00	25 2375	
A. APPARENT SERIOUSNESS OF PROBLEM	· · · · · · · · · · · · · · · · · · ·					
						
1. NO ACTION NEEDED (no hazard)		2 IMMEDIATE :	SITE INSPECTI	ON NEEDED		
E. RECOMMENDATION 1. NO ACTION NEEDED (no hexard) VV 1. SITE (NSPECTION NEEDED T. TENTATIVELY SCHEDULED FOR:	C		HTE INSPECTI L'Y SCHEDUL ERFORMED BY	· ·	SUPER	UND
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Continue On Reverse

Continued From Front					
Todiose the man six			OH OF SITE ACTIVIT		
X4	e semunty(les) and dets		X4		185.
A. TRANSPOR	TER C	S. STORER	C. TREATE	7 131	C. CISPOSEP
1. 7AIL	1. 3142		II. FILTRATION	X 1	PILL
2. SHIP		THEMOHUDAM: 25	2. INCINERATION	i X 2. 44NO	
J. SARGE	X 3. SRUMS		3. YOUNK 450UCT		
4 TRUCK		A BOVE GROUNG	4. RECYCLING/REC		ACS IMPOUNCMENT
S. STHER (specify):		SELOW GROUND	VI. CHEM. PHYS. TRE		SHT SUMPING
TIST O LHEW (IDEGILA):		t (epocity):	X 1. SIGLOGICAL THE		REATION HISCTION
		ŀ	8. 10LYENT *ECOY		A (*pedsity):
		İ	8. STHER (*geq:(7):		
		[- • .		•
···					
or impoundment wells are appr	s west of the coximately 6000 arm south of p	plant for inje ft. deep. Sil lant (Photo 8)	ection well dis It from raw was	sposal (photo ter supply is	llected in tank 7). Injection disposed of in lisposed of in
	_	. 5040 🔀 4.5	ruoge 🗀 r	3AS	•
HASTE CHARACTE	12 CORROSIVE 3			בשוד גשסט צשאטוי	
_	_	· INERT . X	PLAMMAJI		
L WASTE CATEGORIE					
	se available) Specify its	ngs such se manifesta. I	tramaes, sa, bien.		
Yes, manifes	its				
	unt(apecify unit of me	same)of weets by cate	egory; mark 'X' to inch	cate which wester er	9 77464GL
a. SLUDGE	b. ail.	4. SOLVENTS	4 CHEMICALS	4. SOLIDS	(. OTHER
Trudma	AMQUNT	AMOUNT	THUDMA	AMOTHE	AMDUNT
lone	None	None	24,000	None	160,000,000
UNIT OF MEASURE	UNITOPHENSURE	UNIT OF MEASURE		CALL SE ARYSTRE	
			gal/month	lend	gal/year
X' (1) PAINT,	X (1) GILY	CETAMBDEJAHII)	(1) A CIDS	1) FLYASH	YT (1) SHARMACEUT.
(2) METALS	(2) OTHER (specify):	(I) HON-HALDGHTS SOLYENTS	121 PICXLING LIQUORS	EDTEBBEA (E)	(2) HOSPITAL
(3) FOT#	<u></u>	IS OTHER (POSITY)	EDITEUAD (E)	MINE TAILING	SVITDADIDAR (E) E
THESE TO VERNINGEN			(A) PESTICIDES	14 FERROUS	
LE OTHER(specify)			(8) GYES/IN KS	ISI MON-FERROU SMLTG. WAST	23
		-	(6) CYAMIGE	100000000000000000000000000000000000000	"Potentially contaminated
			(7) PH (0) GL		water from plant.
			(#) HALGGENS		
			(9) PC 3	<u> </u>	
•			(10) METALS		
			X Jungther ()	n nhenol waste	

V. WASTE RELATED INFORMATION (continued)

1. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hexard).

TCDD isomers 2,4-dichloro phenol

toluene

dicamba

1,2,4-trichloro benzene

terephthalic acid.

4 ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE. Raw process water supply from Lower Neches Valley Authority, stored on site. All drinking water at site is bottled according to site representative.

	,	VI. HAZ	ZARD DESCRIPTI	ON
A. TYPE OF HAZARO	9. POTEN- TIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (cnerk 'X')	D. DATE OF INCIDENT (mo.,day,yn)	E. REMARKS
1. NO HAZARD			4-2	
2. HUMAN HEALTH	Х			Potential TCDD contamination
3. NON-WORKER				
4. WORKER INJURY				
5. OF WATER SUPPLY				
6. OF FOOD CHAIN		·		
7. CONTAMINATION 7. OF GROUND WATER				•
d. Contamination d. Of Surface water				
9. DAMAGE TO PLORA/PAUNA				
Id. FISH KILL		Х	1974	Velsicol was fined for a fish kill i
11. CONTAMINATION 11. OF AIR				Milodu II da i i j i
12. NOTICEABLE COORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
id. FIRE OR EXPLOSION				
14. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17- DRAIN PROBLEMS				
14. EROSION PROGLEMS				
19. INADEQUATE SECURITY				
ZO. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
2 2. OTHER (specify):				

ontinued From Front			
-		/II. PERMIT INFO	RMA TION
HOICATE ALL APPLICABLE PE	RMITS AELD BY THE	€ 517 2.	
X 4 AIR PERMITS	TIMRES LADI	5. ACRA TRANSPO 9. RCRA DISPOSES	TXD067261412
Y 10. STHER (specify): Injec	tion well pe	rmits WDW 1	25 & WDW 155
IN COMPLIANCE?		1. UNKNOWN	
A WITH RESPECT TO (Ilse reg	ilation neme à mune	e):	
	VIII.	PAST REGULATO	RY ACTIONS
A. NONE W B. Y	ES (summense below	יי	,
Fine for fish kill 1	974.		
	IX. INSPE	CTION ACTIVITY	(past or on-goins)
A. NONE - TO B. Y	23 (complete itema L.)	2.1. h 4 helawn	
I. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (Gon day, by ye)	1. PERFORMED BY: (EPA/Siste)	4. JESCRIPTION
Annual-inspection			TDWR, TAQCB
	 		
·			
•			•
	Y. REV	EDIAL ACTIVITY	(past of an-going)
Y A. NONE	E3 (complete items 1.	2.3, & 4 below)	
. I. TYPE OF ACTIVITY	Libate of Past action (monder, byth).	SY! (ZPA/State)	4. 0 63 CRIP TIGN
			-
			<u> </u>
•			
NOTE: Based on the information	ion in Sections II	l inough, X, SU	out the Preliminary Assessment (Section II)

PAGE 4 CF 4

information on the first page of this form.

EPA Fee T2070-2 (10-79)

The state of the s

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-2.

Corresponding number on form

Additional Remark and/or Explanation

IV. E.

area adjacent to the lagoons. Dichloro phenol waste is stored in tanks or in drums until it is picked up for off site disposal. There is some chromium in the boiler blowdown which is deepwell injected.

A proposed sampling plan is attached.

SAMPLING PLAN

Grid No.	No. Samples
01 : Grassy area near lab building	1
02-05: Grassy drainage ditches in process area	4
06 : Area adjacent to office	1
07-08 : Overgrown parking lot	2
09 : Area south of settling ponds	1
10-13 : Area east of plant and warehouse	4
14-19 : Area south of plant	6
35-40 : Area south of plant	6
22-28 : Area west of plant	7 -
20,21,41-43: Area west of plant	1*
32-34,44-46: Area west of plant	1*
29-31,47-49: Area west of plant	1*
50-55 : Area west of plant	1*
56-57,64-65: Area west of plant	1*
58-63 : Area west of plant	1*
68-71: Area west of plant	1*
66-67,72-74: Area west of plant	1*
75 : Parking north of office	1
76 : Parking south of office	1

Total Field Samples 42

All samples except those marked by an asterisk will be collected as eight-point composites with aliquots taken from uniformly distributed locations within the grid (one sample per grid). Those samples marked by an asterisk will be composited with two aliquots taken from each grid block listed for that sample; several grid blocks will make up one sample.

Aliquots will be of surface soils from depths of 0-6". Compositing will be done by homogenizing sample aliquots in a stainless steel pan with stainless steel spoons.

All roads within process area are paved. All process areas are concrete floored with retention walls. Grid 76 is an active employee parking lot, as is the western portion of grid 6. Grid 75 is an active construction parking lot. Grids 7 & 8 are located in an overgrown parking lot. Due to the compaction of these areas, it may be necessary to obtain a mounted auger to obtain soil samples from these areas. Background samples will be taken from each of four directions, approximately 1/2 to 1 mile from the site.

TOTAL SAMPLES

Onsite field samples	42
QA/QC duplicates	4
Blanks	2
Offsite background samples	4

